

17765

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of  
PANDELISEV, KIRIL A.  
Serial No. 10/086,624  
Filed: March 4, 2002



Art Unit

Examiner:

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TC 1700

For: BINARY AND TERNARY CRYSTAL PURIFICATION  
AND GROWTH METHOD AND APPARATUS

**INFORMATION DISCLOSURE STATEMENT**

To the Director of the Patent and Trademark Office

Sir:

Under the provisions of 37 C.F.R. 1.56, 1.97 and 1.98,  
applicant submits herewith copies of publications that the Patent  
Office may wish to consider in examination of the subject  
application. The publications are listed on the attached Form  
PTO 1449 (modified).

Respectfully,

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May 7, 2002

FORM PTO 1449 (modified)

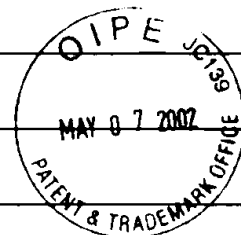
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Date Submitted to PTO: May 3, 2002

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SERIAL NO.  
10/086,624APPLICANT  
PANDELISEV, KIRIL A.FILING DATE  
March 4, 2002

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	2,498,186	2/21/1950	Stockbarger et al.			
	AB	2,550,173	4/24/1951	Swinehart et al.			
	AC	2,739,088	3/20/1956	Pfann			
	AD	2,902,350	9/1/1959	Jenny et al.			
	AE	2,932,562	4/12/1960	Pfann			
	AF	2,992,903	7/18/1961	Imber			
	AG	3,031,275	4/24/1962	Shockley			
	AH	3,036,898	5/29/1962	Brock et al.			
	AI	3,096,158	7/2/1963	Gaule et al.			
	AJ	3,124,633	3/10/1964	Van Run			
	AK	3,234,009	2/8/1966	Siebertz			
	AL	3,249,404	5/3/1966	Bennett			
	AM	3,258,314	6/28/1966	Redmond et al.			

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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
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## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	Pastor et al., <u>Crystal Growth in a Reactive Atmosphere</u> , Mat. Res. Bull., Vol. 10 No. 4: 117-124, 1975
	AQ	Pastor et al., <u>Crystal Growth of KBr in a reactive atmosphere</u> , Mat. Res. Bull., Vol. 10 No. 4: 261-266, 1975
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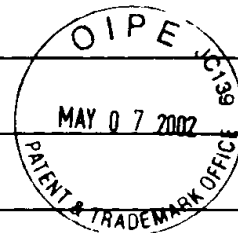
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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,423,189	1/21/1969	Pfann			
	AB	3,433,627	3/18/1969	Liang et al.			
	AC	3,453,352	7/1/1969	Goundry			
	AD	3,505,032	4/7/1970	Bennett			
	AE	3,826,817	7/30/1974	Pastor et al.			
	AF	3,884,642	5/20/1975	Benedict			
	AG	3,935,302	1/27/1976	Pastor et al.			
	AH	3,959,442	5/25/1976	Pastor et al.			
	AI	4,036,595	7/19/1977	Lorenzini et al.			
	AJ	4,036,666	7/19/1977	Mlavsky			
	AK	4,075,055	2/21/1978	Ciszek et al.			
	AL	4,108,714	8/22/1978	Keller et al.			
	AM	4,110,080	8/29/1978	Pastor			

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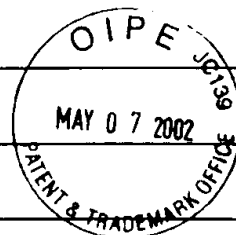
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,190,487	2/26/1980	Pastor et al.			
	AB	4,196,041	4/1/1980	Baghdadi et al.			
	AC	4,200,621	4/29/1980	Liaw et al.			
	AD	4,226,834	10/7/1980	Shudo et al.			
	AE	4,242,175	12/30/1980	Zumbrunnen			
	AF	4,251,315	2/17/1981	Pastor			
	AG	4,273,608	6/16/1981	Kerlin			
	AH	4,277,303	7/7/1981	Swinehart			
	AI	4,312,849	1/26/1982	Kramer			
	AJ	4,316,764	2/23/1982	Kudo et al.			
	AK	4,329,195	5/11/1982	Kudo			
	AL	4,330,358	5/18/1982	Grabmaier et al.			
	AM	4,357,200	11/2/1982	Grabmaier			

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,357,201	11/2/1982	Grabmaier et al.			
	AB	4,417,944	11/29/1983	Jewett			
	AC	4,419,177	12/6/1983	Pryor et al.			
	AD	4,428,783	1/31/1984	Gessert			
	AE	4,447,289	5/8/1984	Geissler et al.			
	AF	4,449,780	5/22/1984	Swinehart			
	AG	4,454,096	6/12/1984	Lorenzini et al.			
	AH	4,468,281	8/28/1984	Bender et al.			
	AI	4,478,880	10/23/1984	Belouet			
	AJ	4,557,795	12/10/1985	Helda deceased et al.			
	AK	4,563,979	1/14/1986	Falckenberg et al.			
	AL	4,591,633	5/27/1986	Susuki et al.			
	AM	4,599,245	7/8/1086	Falckenberg et al.			

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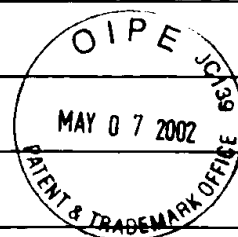
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,640,023	2/3/1987	Mori et al.			
	AB	4,688,623	8/25/1987	Wakefield et al.			
	AC	4,690,797	9/1/1987	Eyer et al.			
	AD	4,696,734	9/29/1987	Gentry			
	AE	4,749,438	7/7/1988	Bleil			
	AF	4,762,687	8/9/1988	Belouet et al.			
	AG	4,775,443	10/4/1988	Bleil			
	AH	4,834,832	5/30/1989	Stock et al.			
	AI	4,837,376	6/6/1989	Schwirtlich et al.			
	AJ	4,873,063	10/10/1989	Bleil			
	AK	4,968,380	11/6/1990	Freedman et al.			
	AL	4,981,528	1/1/1991	Fritzemeier et al.			
	AM	5,055,157	10/8/1991	Bleil			

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	AA	5,069,742	12/3/1991	Bleil			
	AB	5,069,743	12/3/1991	Wysocki et al.			
	AC	5,106,266	4/21/1992	Borns et al.			
	AD	5,116,456	5/26/1992	Nestor			
	AE	5,178,719	1/12/1993	Pandelisev			
	AF	5,290,395	3/1/1994	Matsumoto et al.			
	AG	5,296,089	3/22/1994	Chen et al.			
	AH	5,324,488	6/28/1994	Klingshirn et al.			
	AI	5,360,480	11/1/1994	Altekruger			
	AJ	5,456,735	10/10/1995	Ellison-Hayashi et al.			
	AK	5,690,734	11/25/1997	Imaeda et al.			
	AL	5,919,304	7/6/1999	Imaeda et al.			
	AM	5,961,720	10/5/1999	Imaeda et al.			

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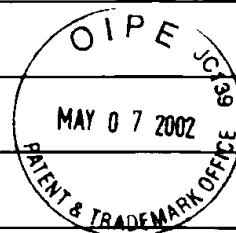
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	AA	5,993,540	11/30/1999	Pandelisev			
	AB	6,071,339	6/6/2000	Pandelisev			
	AC	6,153,011	11/28/2000	Pandelisev			
	AD	6,334,899B1	1/1/2002	Pandelisev			
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